

Title (en)
SERUM AND TISSUE BIOMARKERS OF HUMAN HCC

Title (de)
SERUM UND GEWEBE-BIOMARKER VON HUMANEM HEPATOZELLULÄREM KARZINOM

Title (fr)
SÉRUM ET BIOMARQUEURS TISSULAIRES DE CHC HUMAIN

Publication
EP 2553458 A2 20130206 (EN)

Application
EP 11724945 A 20110329

Priority
• EP 10075140 A 20100329
• EP 2011001683 W 20110329
• EP 11724945 A 20110329

Abstract (en)
[origin: WO2011150994A2] The application is based on the surprising finding that proteins regulated by increased c- myc activity in the liver can be used as body fluid markers and/or as tissue biomarkers in the diagnosis, prognosis and/or treatment monitoring of cancer and dysplasia, in particular of liver cell dysplasia and hepatocellular carcinoma (HCC), and wherein the proteins are selected from a first group consisting of Polymeric immunoglobulin receptor, Phosphatidylinositol-glycan-specific phospholipase D, Alpha-fetoprotein, Antithrombin 3, Apolipoprotein E, Apolipoprotein M, Fibrinogen beta-chain, Haptoglobin, Paraoxonase 1, Retinol binding protein, Serum amyloid P-component, Transthyretin, or from a second group consisting of Afamin, Glutathione peroxidase 3, Hemopexin, Major urinary protein, Serine protease inhibitor A3K. Consequently, medical uses of said proteins, of corresponding compositions, of corresponding antibodies, of corresponding siRNA and of corresponding nucleotide sequences are claimed. Also claimed are corresponding kits and corresponding methods and procedures.

IPC 8 full level
G01N 33/574 (2006.01); **G01N 33/68** (2006.01)

CPC (source: EP US)
A61K 31/00 (2013.01 - EP US); **C07K 14/435** (2013.01 - US); **C07K 14/75** (2013.01 - US); **C12Y 111/01** (2013.01 - US); **C12Y 301/01** (2013.01 - US); **C12Y 301/08001** (2013.01 - US); **G01N 33/574** (2013.01 - US); **G01N 33/57438** (2013.01 - EP US); **G01N 33/6872** (2013.01 - EP US); **G01N 2800/52** (2013.01 - EP US)

Citation (search report)
See references of WO 2011150994A2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2011150994 A2 20111208; WO 2011150994 A3 20120518; EP 2553458 A2 20130206; US 2013078255 A1 20130328

DOCDB simple family (application)
EP 2011001683 W 20110329; EP 11724945 A 20110329; US 201113637751 A 20110329